

Applications of Linear Algebra, Stats And Differential Calculus

Main Aim

- 1) Linear Algebra
 - 2) Statistics
 - 3) Differential Calculus
- } \Rightarrow Applications IN DATA SCIENCE

- ① Simple Linear Regression ✓
 - ② Multiple Linear Regression ✓
 - ③ Dimensionality Reduction \rightarrow PCA ✓
 - ④ ANN \rightarrow Artificial Neural N/w ✓
- } \Rightarrow linear Algebra + Differential Calculus + Stats
- \Rightarrow Model Trained
- \Downarrow
- Deep Learning 100%